

MAKEMOV – Make MOVCPM.COM for a Customized CP/M 2.2

Given two ready to SYSGEN images for a customized CP/M 2.2, this program creates MOVCPM to regenerate that system for any memory size. The program created is named BMOVCPM.COM (Beta-MOVCPM) to not overwrite an existing MOVCPM file.

```
Usage: MAKEMOV param1 param2
       Where param1 & param2 = [filename]XX[.ext]
```

```
param1 and param2 identify two ready-to-SYSGEN CP/M image
files of two different memory sizes
```

Examples:

```
MAKEMOV CPM32.COM CPM48.COM
MAKEMOV CPM32 CPM48 (assumes .COM extension)
MAKEMOV 32 48 (assumes filename like CPMxx.COM)
```

System Identification Messages

MAKEMOV prompts for strings to display when the resulting MOVCPM is run by the end user. These strings identify the system being built. For example, generic MOVCPM from Digital Research displays a message like “CONSTRUCTING 48K CP/M vers 2.2” when run.

MAKEMOV prompts for what to display after the “48K CP/M” string and also allows specification of a second line to display to uniquely identify the build. The resulting display might look like this, for example:

```
CONSTRUCTING 48K CP/M vers 2.2
FOR ALTAIR 8" FLOPPY
```

Memory Size Message During Cold Boot

The MOVCPM generated by MAKEMOV uses the same search as generic MOVCPM to find and update the memory size string that is displayed during cold start by the BIOS. It looks for the substring “K CP/M 2.2” in the BIOS, and if found, patches in the memory size prior to the “K.” Unless your BIOS computes memory size for display on its own, the cold start message must contain the “K CP/M 2.2” substring in order for MOVCPM to properly update the message.